

#3

PC10893AGPR Sequence Listing.ST25.txt
SEQUENCE LISTING

<110> Pfizer Inc.

Castleberry, Tessa A.

Lu, Bihong

Owen, Thomas A.

Smock, Steven L.

<120> The Canine Androgen Receptor

<130> PC10893AGPR

<160> 2

<170> PatentIn version 3.1

<210> 1

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<212> DNA

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Pro Pro Gly Ala His Leu Gln Gln Gln Gln Gln Gln Gln Gln Gln
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Glu Thr Ser Pro Arg Gln Gln Gln Gln Gln Gln Gly Asp Asp Gly
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Ser Pro Gln Ala Gln Ser Arg Gly Pro Thr Gly Tyr Leu Ala Leu Asp
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Glu Glu Gln Gln Pro Ser Gln Gln Arg Ser Ala Ser Lys Gly His Pro
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100

105

110

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Ser Cys Ser Thr Asp Leu Lys Asp Ile Leu Ser Glu Ala Gly Thr Met
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195 200 205

Ser Ser Ser Gly Arg Ala Arg Glu Ala Ala Gly Ala Ser Thr Ser Ser
210 215 220

Lys Asp Ser Tyr Leu Gly Gly Ser Ser Thr Ile Ser Asp Ser Ala Lys
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Glu Leu Cys Lys Ala Val Ser Val Ser Met Gly Leu Gly Val Glu Ala
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Leu Glu His Leu Ser Pro Gly Glu Gln Leu Arg Gly Asp Cys Met Tyr
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Ala Pro Leu Leu Gly Gly Pro Pro Ala Val Arg Pro Cys Ala Pro Leu
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Ala Glu Cys Lys Gly Ser Leu Leu Asp Asp Gly Pro Gly Lys Gly Thr
290 295 300

Glu Glu Thr Ala Glu Tyr Ser Pro Phe Lys Ala Gly Tyr Ala Lys Gly
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Leu Asp Gly Asp Ser Leu Gly Cys Ser Ser Ser Ser Glu Ala Gly Gly
325 330 335

Ser Gly Thr Leu Glu Met Pro Ser Thr Leu Ser Leu Tyr Lys Ser Gly
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Ala Leu Asp Glu Ala Ala Ala Tyr Gln Ser Arg Asp Tyr Tyr Asn Phe
355 360 365

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Pro Leu Ser Leu Gly Gly Pro Pro Pro His Pro Pro Pro Pro His Pro
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His Thr Arg Ile Lys Leu Glu Asn Pro Leu Asp Tyr Gly Ser Ala Trp
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Gly Ala Gly Ala Ala Gly Pro Ser Ser Gly Ser Pro Ser Ala Thr Thr
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Ser Ser Ser Trp His Thr Leu Phe Thr Ala Glu Glu Gly Gln Leu Tyr
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Gly Pro Cys Gly Gly Ser Gly Gly Gly Ser Ala Gly Asp Gly Gly Ser
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Val Ala Pro Tyr Gly Tyr Thr Arg Pro Pro Gln Gly Leu Ala Gly Gln
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Glu Gly Asp Phe Pro Pro Pro Asp Val Trp Tyr Pro Gly Gly Val Val
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Ser Arg Val Pro Phe Pro Ser Pro Ser Cys Val Lys Ser Glu Met Gly
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Ser Trp Met Glu Ser Tyr Ser Gly Pro Tyr Gly Asp Met Arg Leu Glu
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Thr Ala Arg Asp His Val Leu Pro Ile Asp Tyr Tyr Phe Pro Pro Gln
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Lys Thr Cys Leu Ile Cys Gly Asp Glu Ala Ser Gly Cys His Tyr Gly
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Ala Leu Thr Cys Gly Ser Cys Lys Val Phe Phe Lys Arg Ala Ala Glu
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Gly Lys Gln Lys Tyr Leu Cys Ala Ser Arg Asn Asp Cys Thr Ile Asp
580 585 590

Lys Phe Arg Arg Lys Asn Cys Pro Ser Cys Arg Leu Arg Lys Cys Tyr
595 600 605

Glu Ala Gly Met Thr Leu Gly Ala Arg Lys Leu Lys Lys Leu Gly Asn
610 615 620

Leu Lys Leu Gln Glu Glu Gly Glu Ala Ser Asn Val Thr Ser Pro Thr
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Val Cys Ala Gly His Asp Asn Asn Gln Pro Asp Ser Phe Ala Ala Leu
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Leu Ser Ser Leu Asn Glu Leu Gly Glu Arg Gln Leu Val His Val Val
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Lys Trp Ala Lys Ala Leu Pro Gly Phe Arg Asn Leu His Val Asp Asp
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Gln Met Ala Val Ile Gln Tyr Ser Trp Met Gly Leu Met Val Phe Ala
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Met Gly Trp Arg Ser Phe Thr Asn Val Asn Ser Arg Met Leu Tyr Phe
740 745 750

Ala Pro Asp Leu Val Phe Asn Glu Tyr Arg Met His Lys Ser Arg Met
755 760 765

Tyr Ser Gln Cys Val Arg Met Arg His Leu Ser Gln Glu Phe Gly Trp
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Leu Gln Ile Thr Pro Gln Glu Phe Leu Cys Met Lys Ala Leu Leu Leu
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Phe Ser Ile Ile Pro Val Asp Gly Leu Lys Asn Gln Lys Phe Phe Asp
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Glu Leu Arg Met Asn Tyr Ile Lys Glu Leu Asp Arg Ile Ile Ala Cys
820 825 830

Lys Arg Lys Asn Pro Thr Ser Cys Ser Arg Arg Phe Tyr Gln Leu Thr
835 840 845

Lys Leu Leu Asp Ser Val Gln Pro Ile Ala Arg Glu Leu His Gln Phe
850 855 860

Thr Phe Asp Leu Leu Ile Lys Ser His Met Val Ser Val Asp Phe Pro
865 870 875 880

Glu Met Met Ala Glu Ile Ile Ser Val Gln Val Pro Lys Ile Leu Ser
885 890 895

Gly Lys Val Lys Pro Ile Tyr Phe His Thr Gln
900 905